



**BOSTON GAS COMPANY**  
**d/b/a KEYSpan ENERGY DELIVERY NEW ENGLAND**

M.D.T.E. No. 1224

Page

**Weather Normalization Clause**

**Applicability:** All gas delivered to firm sales and transportation customers billed under Rate Classifications R-1, R-2, R-3, R-4, G-41, G-42, G-43, G-44, G-51, G-52, G-53 and G-54 shall be subject to a Weather Normalization Adjustment (WA) to reflect the impact of degree day variations from normal levels, as determined on a billing month basis, for the months of November through October, inclusive.

**Weather Normalization Adjustment (WA) Formula:**

$$WA (\$/\text{therm}) = TBM * \frac{DDF * [(NDD +/- (NDD * .02)) - ADD]}{(BD * BLF) + (ADD * DDF)}$$

The Weather Normalization Adjustment will only take effect if the degree day variance from normal weather (NDD - ADD) exceeds 2.0% of Normal Degree Days (NDD). For billing purposes, this adjustment will be made only for those degree days that exceed the 2.0% of Normal Degree Days.

The weather adjustment is made by adding or subtracting the weather adjustment factor to the customer's tail block margin during the billing period.

**Definitions:**

**TBM =** Tailblock margin by Rate Classification. It is the Tailblock rate for the Applicable Rate Classifications increased or decreased by the Weather Adjustment Factor.

**DDF =** Average Degree Day Factor expressed in therms per heating degree day. It is the estimated number of therms per customer needed to provide space heating for each degree day based on average usage by customers to which this adjustment applies. It is determined separately for each Rate Classification and will be reviewed annually to reflect the temperature sensitivity of the prior heating season's sales to customers to which the adjustment applies.

**NDD =** Normal Heating Degree Days for the billing period. It is the average over the twenty (20) year period ending 2002 of the degree days for each calendar day of the billing period.

**ADD =** Actual Heating Degree Days for the Billing Period. It is actual difference between 65 degrees Fahrenheit and the average outdoor dry bulb temperature for a particular day or days based the high and low temperature recorded for the day.

**BLF =** Average Base Load Factor expressed in therms per billing day. It is the estimated number of therms per customer used per day for non-heating purposes based on average July and August usage by customers to which this adjustment applies. It is determined separately for each Rate Classification and will be revised annually to reflect the non-temperature sensitive usage of customers to which the adjustment applies reflected in the prior heating season's sales.

**BD =** Actual Number of Billing Days in the customer billing cycle for which the adjustment applies.

**Statement:** The average degree day factor (DDF), average base load (BLF) and tail block margin by Rate Classification (TBM) shall be shown on the Statement of Weather Normalization Clause Adjustment filed with the Department of Telecommunications and Energy. Every such statement will be filed apart from this rate schedule at least fifteen business days prior to any changes.

Issued: April 16, 2003

Effective: May 1, 2003

Issued by N. Stavropoulos, President  
52 Second Avenue, Waltham, MA